

IN THE CLAIMS

Please amend the claims as follows, substituting any amended claim(s) for the corresponding pending claim(s):

1 1. (Currently Amended) An access network controller, comprising:
2 a processor;
3 communication circuitry within the access network controller;
4 a memory for storing computer instructions that define ~~a profile~~ profile information for at
5 least one hybrid mobile station (HMS) and that define operational logic relating to a response of
6 the access network controller to a received pseudo-page signal and that define profile information
7 that specify that the access network controller is to generate a response to a base station to advise
8 it that the HMS has been paged and is being redirected to receive pages from the voice network;
9 and
10 a network port for enabling the access network controller to communicate with external
11 systems.

2. (Canceled)

1 3. (Currently Amended) The access network controller of ~~claim 2~~ claim 1 wherein the
2 computer instructions that define the profile information specify that the access network controller is to
3 generate a response to a base station to advise it that the HMS is unavailable.

4. (Canceled)

1 5. (Currently Amended) The access network controller of ~~claim 2~~ claim 1 wherein the
2 computer instructions that define the profile information specify that the access network controller is to
3 generate a response to a base station to advise it that the HMS is present but not available for a voice call.

1 6. (Previously Presented) The access network controller of claim 1 wherein the memory
2 further includes computer instructions that define an operational logic for forwarding a voice call to an
3 Internet Call Delivery Server.

- 1 7. (Currently Amended) The access network controller of claim 1 wherein the memory
- 2 further includes computer instructions that define ~~an operational~~ operational logic for forwarding a voice
- 3 call to an Internet Call-Waiting Server.

1 8. (Currently Amended) A method in a communication network including a voice network
2 and a data network, comprising:

3 receiving a pseudo-page signal transmitted by a base station in a specified interface signal
4 between the base station and an access network controller; ~~and~~

5 generating, from the access network controller, a response to ~~a base station~~ the base station to
6 advise it that a hybrid mobile station has been paged and is being redirected to receive pages from the
7 voice network, wherein the response includes waiting long enough to enable the hybrid mobile station to
8 switch from the data network to the voice network and then advising the base station that the hybrid
9 mobile station is at least one of being presently available and not being presently available; and

10 commanding the hybrid mobile station to redirect and to suspend a data call so that it may receive
11 and respond to paging signals transmitted by the base station.

1 9. (Canceled)

1 10. (Canceled)

1 11. (Original) The method of claim 8 wherein the response includes forwarding the voice
2 call to an Internet Call-Waiting Server.

1 12. (Canceled)

1 13. (Currently Amended) The method of claim 8 wherein the response further includes
2 advising the base station ~~that~~ whether the hybrid mobile station is present but not available.

1 14. (Currently Amended) The method of claim 8 wherein the response includes advising the
2 base station ~~that~~ whether the hybrid mobile station is present and available.

15. – 20. (Canceled)

1 21. (Currently Amended) An access network controller, comprising:
2 a processor;
3 communication circuitry within the access network controller;
4 a memory for storing computer instructions that define ~~a profile information~~ profile
5 information for at least one hybrid mobile station (HMS) and that define operational logic relating
6 to a response of the access network controller to a received pseudo-page and that define ~~an~~
7 ~~operational logic~~ operational logic for forwarding a voice call to one of an Internet Call Delivery
8 Server or to an Internet Call-Waiting Server; and
9 a network port for enabling the access network controller to communicate with external
10 systems.

1 22. (Currently Amended) The access network controller of claim 21 wherein the computer
2 instructions that define ~~the profile information~~ the operational logic relating to a response of the access
3 network controller to a pseudo-page is to further specify that the access network controller is to generate a
4 ~~response to a base station to advise it~~ respond that the HMS is unavailable.

1 23. (Currently Amended) The access network controller of claim 22 wherein the computer
2 instructions that define ~~the profile information~~ the operational logic relating to a response of the access
3 network controller to a pseudo-page is to further specify that the access network controller is to generate a
4 ~~response to a base station to advise it~~ respond that the HMS is present but not available for a voice call.